Defense Logistics Management System (DLMS) Introductory Training

DLMS Transaction Supplement Content
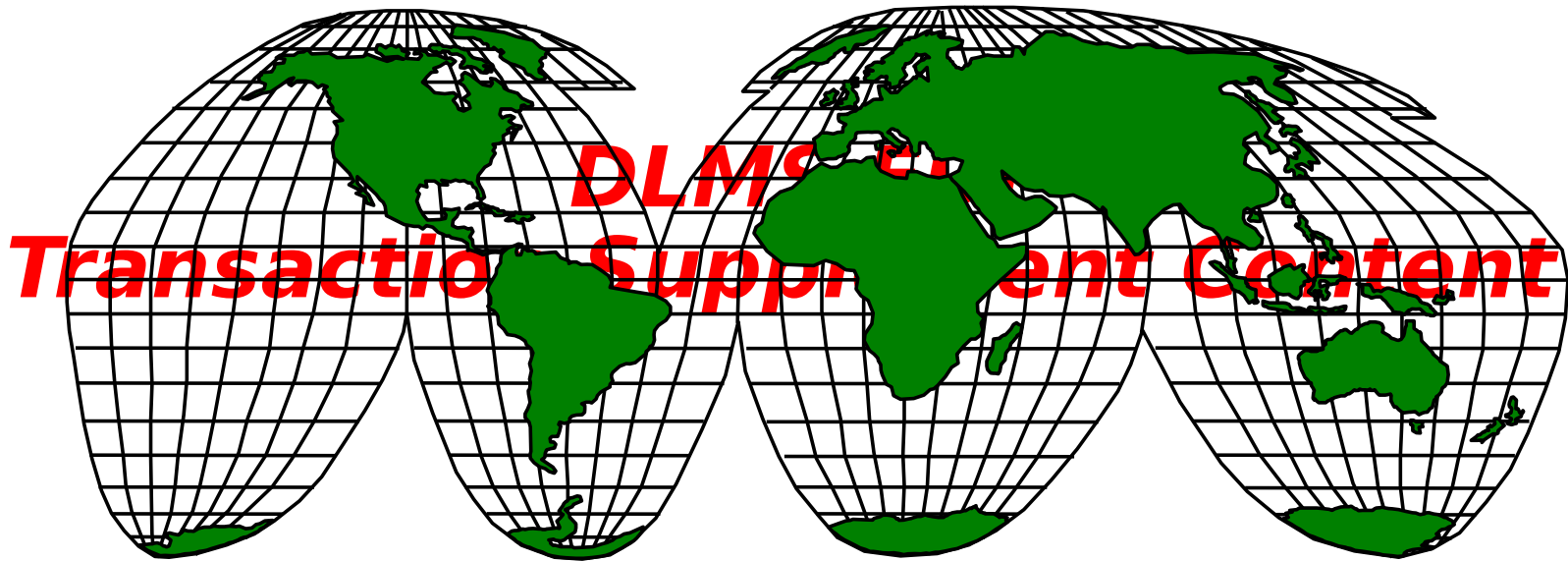
DLMS Training Catalog

Module 1 - **Introduction to the DLMS**

Module 2 - **Electronic Data Interchange (EDI) Basics and ASC X12 EDI Definitions and Concepts**

Module 3 - **DLMS Functionality & Transaction Life-Cycle**

Module 4 - **DLMS Transaction Supplement Content**

Module 4F - **DLMS Functional Financial Transaction Life-Cycle**

Module 5 - **IUID & RFID - Emerging Technologies**

Module 6 - **Creating/Reengineering DOD Logistics Business Processes**

Module 6A - **DLMS Configuration Management (stand alone Module)**

Module 7 - **Enterprise Interoperability Tools**

Module 8 - **DoD Activity Address Directory (DoDAAD)**

http://www.dla.mil/j-6/dlms

Module Structure

Module 4 – DLMS EDI - Transaction Supplement Content

- **Federal Implementation Conventions (ICs)**

- **DLMS Supplements to the Federal ICs**

- **Inherent X12 EDI Enhancements**

- **Criticality of DLMS Notes**

- **DLSS/DLMS Mapping**

- **DLMS Supplement to the Federal 511R IC**

Module 4 Objectives

Students will gain basic understanding of:

- **The purpose and content of the Federal ICs used in the DLMS**

- **How DLMS Supplements are used to support DLMS implementation**

- **Criticality of DLMS Notes**

- **How to use DLSS/DLMS mapping**
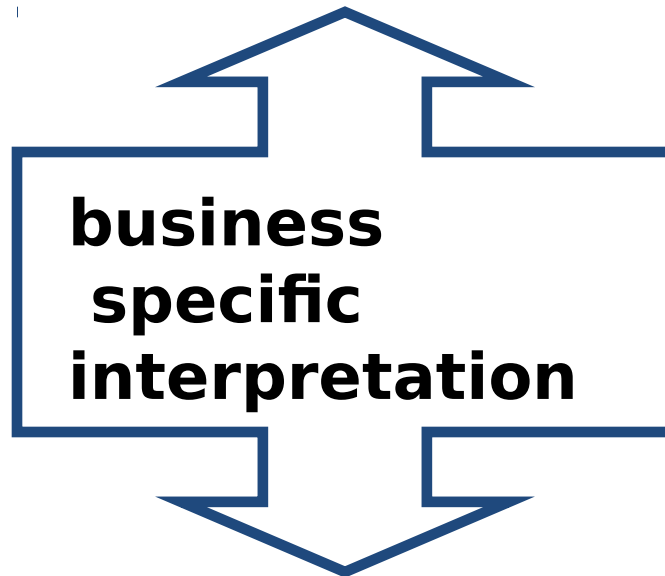
- **How to read a DLMS Supplement**

Federal Implementation Conventions

Hierarchy of Relationship

ASC X12 Transaction Set

business specific interpretation

Federally Approved IC

Approved ICs

- **All DLMS EDI implementation Conventions are Federally Approved**

    ✓ Define the structure and content of an ASC X12 EDI standard transaction as it pertains to a particular usage

    ✓ Map application data requirements into specific data fields within the transaction set

    ✓ Establish the parameters for the corresponding DLMS Supplement

Functionality

- **Federal ICs supporting DLMS reflect functionality derived from multiple sources**

  ✓ DLSS (or MILS) as currently implemented

  ✓ Approved changes with full Component implementation pending (due to lack of resources & competing priorities)

  ✓ Enhanced capabilities

    ➢ ASC X12 standards-based enhancements

    ➢ DLSS/DLMS approved changes

ASC X12 Standards-Based Enhancements

- **8 digit dates throughout**

- **Multiple transactions**

- **Longer data elements: quantities, reference and identification numbers**

- **Repeating data elements**

- **Transmission date/time**

ASC X12 Standards-Based Enhancements

- **Flexible addressing**

  ✓ Clear text addressing

  ✓ Codified addressing capability expanded:

    ➢ DoDAAC, RIC, CAGE, DUNS, DUNS+4, MAPAC

- **Full line of accounting as discrete data**

General Enhancements
(included in most transactions)

- **Point of contact information**

- **Expanded material identification:**

  national stock numbered material, ammunition, forms, publications, subsistence, preferred and substitute NSNs, part number, description

General Enhancements
(included in most transactions)

- **Unique item tracking capability**
  - ✓ Unique item identifier (e.g. IUID UII Constructs   1 and 2, VIN, etc.)
  - ✓ Batch number
  - ✓ Lot number
  - ✓ Serial Number

- **Document number added to provide unique transaction identification**

General Enhancements
(included in most transactions)

- **Break-out of embedded data**
  - ✓ Utilization Code (expressed in document number)
  - ✓ Security Assistance data
  - ✓ Required Delivery Date/Special Requirements Code

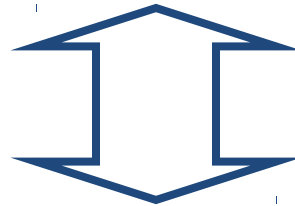- **Reduction/elimination of multi-purpose data fields**
  - ✓ Ownership/Purpose Codes
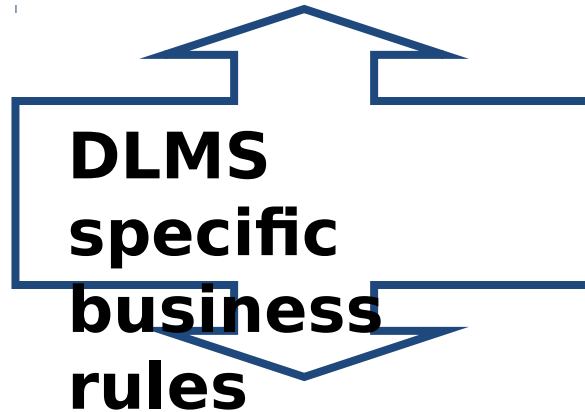
DLMS Supplements Supporting Use of Federal ICs

Hierarchy of Relationship

ASC X12 Transaction Set

⇕

Federally Approved IC

⇕

DLMS specific business rules

DLMS Supplement

DLMS Supplements

- **DLMS supplements (along with the DLMS manual) constitute DoD's trading partner agreement for use of the Federal ICs within the DoD logistics process**

- **DLMS supplements incorporate detailed information which would fall outside the scope of Federal ICs - - but which is necessary for a successful, coordinated implementation**

Content of DLMS Supplements

The DLMS Supplements mirror the approved Federal ICs and include:

- Federal IC notes (as applicable)

- DLMS notes: Detailed DLMS business rules - the Supplements accept or prohibit options and often add conditions to the use of optional data within DoD logistics

- Key transition guidance governing operation in a mixed DLSS/DLMS environment

Transition Guidance

- **Identification and instructions pertaining to:**

  - ✓ DLMS enhancements

  - ✓ Approved changes pending full implementation

  - ✓ Field size constraints

  - ✓ "Streamlined" DLSS data required for legacy system support, but not intended for use in full DLMS environment

Streamlining Goals

- **Reduce retransmission of data perpetuated from previously submitted transactions**

  ✓ Already resident in sender's and receiver's system Example: Original (non-mandatory) requisition data may be streamlined out of follow-up transactions

- **Reduce encoded data content where transaction size constraint was the sole reason for encoding**

  ✓ DLMS offers capability to communicate more fully or more precisely

DLMS Supplement Notes

- **DLMS Business Rules**

- **DLMS Enhancements**

- **Field Size Constraints**

- **Streamlined Data**

- **Approved DLMS Changes**

Example 1 – DLMS Business Rules

Notes delineate appropriate functional application for a particular transaction

940R - Warehouse Shipping Order (Material Release)

940 Warehouse Shipping Order — Federal IC

Functional Group ID=OW

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Shipping Order Transaction Set (940) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable the depositor to advise a warehouse to make a shipment, confirm a shipment, or modify or cancel a previously transmitted shipping order.

Notes:

Use a single occurrence of this transaction set to exchange single or multiple transactions between a single organization and a single or multiple organization.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	0100	ST	Transaction Set Header	M	1		
5	0200	W05	Shipping Order Identification	M	1		
			LOOP ID - 0100			10	
7	0400	N1	Name	O	1		
Not Used	0500	N2	Additional Name Information	O	2		
Not Used	0600	N3	Address Information	O	2		
Not Used	0700	N4	Geographic Location	O	1		
Not Used	0800	PER	Administrative Communications Contact	O	5		

940R - Warehouse Shipping Order (Material Release)   DoD 4000.25M

940 Warehouse Shipping Order — DLMS Supplement

Functional Group ID=OW

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Shipping Order Transaction Set (940) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable the depositor to advise a warehouse to make a shipment, confirm a shipment, or modify or cancel a previously transmitted shipping order.

Notes:

Federal Note: Use a single occurrence of this transaction set to exchange single or multiple transactions between a single organization and a single or multiple organization.

DLMS Note: 1. ICPs or IMMs use this transaction set to direct storage facility shipments, to reposition inventory between storage facilities, to transmit lateral redistribution orders under Total Asset Visibility (TAV) procedures, to inquire about the status of open shipment directives, to cancel and modify previously submitted shipment directives, and to advise that open shipment directives will be administratively (force) closed. The Defense Reutilization and Marketing Service (DRMS) uses this transaction set to inquire about discrepancies in either shipments to or receipts at a Defense Reutilization and Marketing Office (DRMO).

2. The Department of Defense (DoD) distinguishes among redistribution orders; material release orders, inquiries, cancellations, and modifications; disposal release orders, inquiries, cancellations, modifications, and shipment confirmation inquiries; historical material release orders; historical disposal release orders; and material release order forced closures.

3. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of
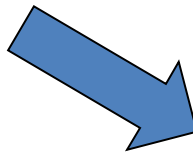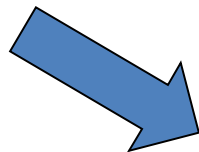
Example 2 - DLMS Enhancement

- **Data associated with a DLMS enhancement may not be received or understood by the recipient's automated processing system**

- **DLMS procedures may not have been developed**

- **Components must coordinate requirements and business rules with DLMS office prior to use**

DLMS Supplement

92   Reason for Disposal Code

DLMS Note: 1. Use in disposal release orders and historical disposal release orders, to identify the reason the disposal action is required.

2. DLMS enhancement; see DLMS introductory note 4a.

Example 3 - Field Size Constraints

- **Data elements which have an expanded field size above existing DLSS capability may not be supported by the recipient's automated processing system**

- **Components must coordinate implementation with DLMS office prior to use.**

DLMS Supplement

Ref. Des.	Data Element	Name		Attributes
M	W0101	330	Quantity Ordered	M R 1/15

Quantity ordered

Federal Note: Use to identify the material quantity associated with the transaction.

DLMS Note: A field size exceeding 5 positions may not be received or understood by the recipient's automated processing system.   See see introductory DLMS note 4d.
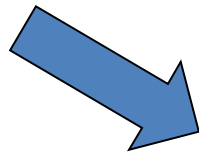
Example 4 - Streamlined Data

- **DLSS data is retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment**

- **This data will be "streamlined" out once full DLMS implementation is reached**

- **Components may coordinate with DLMS office for early termination (or retention) of specific data requirements for users operating in a full DLMS environment**

DLMS Supplement

DLMS Note: *Future streamlined data; see introductory DLMS note 3c.*
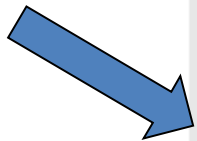
Example 5 - Approved Change

- **Data associated with an Approved Change may not have an established implementation date.**

- **This data may not be received or understood by the recipient's automated processing system.**

- **Components must coordinate implementation with DLMS office prior to use.**

DLMS Supplement

ZZ   Mutually Defined

DLMS Note:

1. Use to identify the Unit of Use Indicator.   When included, the quantity and unit of measure values associated with this transaction are applicable to the unit of use.

2. Authorized DLMS enhancement under DLA industrial activity support agreement. Refer to ADC 381.

3. Authorized DLMS enhancement for DLA Disposition Services. Refer to ADC 457.

Example 6 – Repetition of Data

- **Repetition of data is not compatible with existing DLSS/DLMS capability.**

- **This data may not be supported by the recipient's automated processing system.**

- **Components must coordinate implementation with DLMS office prior to use.**

DLMS Supplement

5. This DLMS Supplement (DS) to the Federal 527R implementation convention contains:

a. Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with DLA Logistics Management Standards prior to use.

b. Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with DLA Logistics Management Standards prior to use.

c. Data which is retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DLA Logistics Management Standards for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.

d. Data elements which have an expanded field size above existing DLSS capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DLA Logistics Management Standards prior to use.

e. Data required to accommodate Component-unique transaction requirements (e.g., C-series transactions). Data does not apply to DLSS transactions.

f. Repetition of data (using multiple iterations or loops) which is not compatible with existing DLSS capability. Although supported by the use of the ANSI X12 standard, such data is not compatible with DLSS/DLMS conversion and may not be supported by the recipient's automated processing system. Components must coordinate implementation of enhanced capability with DLA Logistics Management Standards prior to use.
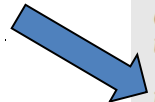
Example 7 – Authorized Enhancement

- **Data associated with an Authorized Enhancement should be included as part of the modernization when applicable.**

- **Inclusion of this data should not cause an inappropriate rejection of the transaction.**

- **Prior coordination with DLMS office is not required prior to use.**

DLMS Supplement

Description: Code qualifying the Reference Identification

~~Federal Note: Use any code~~

DLMS Note: *For DLMS use, only the following codes are authorized.*

Code   Name

BT   Batch Number

DLMS Note:

1. Use to identify the batch, lot, or production run. The batch/lot number may not exceed 20 characters in accordance with UID policy.

2. Use 'BT' in 2/REF/250 when UII or serial number does not apply for the item. When UII or serial number is required in addition to batch/lot number, enter the UII or serial number in 2/REF/250 and enter the batch/lot number in 2/N9/270.

SE   Serial Number

DLMS Note:

1. Use to identify the serial number (when code U3 is not used). Use this qualifier for unique item tracking based upon the serial number.

2. DLMS enhancement. See introductory DLMS note 4a.

U3   Unique Supplier Identification Number (USIN)

DLMS Note:

1. Use to identify the UII. Place UII value in REF03. The UII may not exceed 50 characters in accordance with UID Policy. An ANSI data maintenance was approved in version 5020. The approved code/name is "UII-Unique Item Identifier".

2. Authorized DLMS migration enhancement. See DLMS introductory note 4g.

004010F527D4DP06   48   February 27, 2007
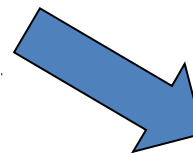
DLSS/DLMS Mapping

DLSS/DLMS Conversion

DAAS implements program logic to accommodate conversion between DLSS and DLMS

Identifies data content and location within DLSS and DLMS formats

Reflects conditional data which impact data content and location

The DLSS Fixed Format Requisition

RPs	Field Legend	RPs	Field Legend
01-03	Document Identifier	52-53	Fund
04-06	Routing Identifier	54-56	Distribution
07	Media and Status	57-59	Project
08-22	**Stock Number**	60-61	Priority
23-24	Unit of Issue	62-64	Reqd Delivery Date
25-29	Quantity	65-66	Advice
30-43	Document No	67-69	Blank (Date of Rcpt on
44	Demand		Referral/Passing Order)
45-50	Supplementary Address	70-80	Blank (Intra-Service us
51	Signal		

DI Code A0_, Requisition
Material Identification: Record Positions 8-22

Record Position	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
NSN	1	2	3	4	5	6	7	8	9	10	11	12	13		
NSN Plus Codes	1	2	3	4	5	6	7	8	9	10	11	12	13	1	2
Part Number	1	2	3	4	5	1	2	3	4	5	6	7	8	9	10
	CAGE					Manufacturer's Part Number									
Subsistence Number	1	2	3	4	1	2	A	1	2	3	1	2	3		
	FSC=89				NCB		Alpha	Supply Bulletin Number			Item Number				

Mapping Document
DLSS DI Code A0 ⟷ DLMS 511R
Material Identification

Subsistence Identification Code	8-22	If RP1-2=A0 and If RP8-9=89 and RP14=Alpha and RP3=4 or D	PO106=A4 PO107=RP 8-22	2	6/22/05
Ammunition Identification Code	8-22	If RP1-2=A0 and If RP8-9=13 and RP3=4 or D	PO106=A2 PO107=RP 8-22	2	6/22/05
National Stock Number	8-20	If RP1-2=A0 and If RP3=1 or A and If RP30≠D, E, F, or J	PO106=FS PO107=RP 8-20	2	4/27/05
Package Type Code	1	If RP1-2=A0 or CH and If RP3=1, 2, 4, or 5	PO108=JP PO109=1	2	9/24/02
Manufacturer's Part Number	13-22	If RP1-2=A0 and If RP3=2 or B	PO106=MG PO107=RP 13-22	2	4/27/05
CAGE Code	8-12	If RP1-2=A0 and If RP3=2 or B	PO108=ZB PO109=RP 8-12	2	4/27/05
Special Material Identification Code	21-22	If RP3=1 or A or RP1-2=CH, C0, or CQ and RP8-9≠89 or 13 and RP30=N, P, Q, R, or V and RP1-3≠YRZ	LQ01=SMI LQ02=RP 21-22	2	12/11/02
MAC	21-22	If RP3=1 or A and RP1-2=CH, CO, or CG and RP30=D, E, F, or J	LQ01=GQ LQ02=RP 21-22	2	4/23/03
Subsistence Type of Pack	21	If RP8-9=89 and RP1-3≠YRZ	LQ01=87	2	9/27/01
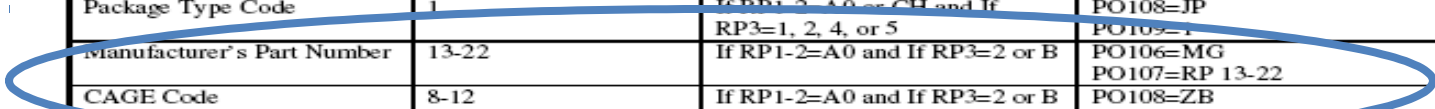
511R, Requisition

PO106   235   Product/Service ID Qualifier   X   ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Use only one of codes A1, A2, A4, FB, FS, FT, MG, or YP to identify ... umber (NSN) ... bsistence

PO108   235   Product/Service ID Qualifier   X   ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. Use only one of codes CN or ZB to fully identify the material.

2. Use PO110 and PO111 when both one of CN or ZB and JP is needed.

CN	Commodity Name	Use only with PO106 code FT to identify the material name or description.
JP	Package Type Code	Packaging method used for manufacturer product
		Must use to indicate Outside Continental United States (OCONUS) shipment. When used, the paired data element 234 will cite 1 indicating that packaging must meet OCONUS specifications.
ZB	Commercial and Government Entity (CAGE) Code	A code that identifies a commercial contractor ...

PO106:

A1 Plant Equipment Number

A2 DoD Identification Code   (Ammunition)

A4 Subsistence Identification Number

FB Form Number

FT Federal Supply Class

FS National Stock Number

MG Manufacturer's Part Number

YP Publication Number

ZZ Mutually Defined

PO108:

CN Commodity Name

JP Package Type Code

ZB Commercial and Government Entity (CAGE) Code

PO109   234

PO109   234   ... ard material ... material can ... n-NSN

Overview of DLMS Supplement to the Federal 511R IC

DLMS Supplement - 511R Requisition   ADCs 45, 59, 67, 69, 70, 75, 76, 77, 79, 83, 86, 92 and 97   DoD 4000.25-M

511   Requisition
Functional Group=RN

This Draft Standard for Trial Use contains the format and establishes the data contents of the Requisition Transaction Set (511) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to requisition needed material and equipment from a supply distribution system for immediate consumption or stockage against projected requirements. The originator can also use this transaction set to inquire about the status of, amend, or terminate the original requisition. This transaction set may be used to convey a description and quantity of the required material, delivery and billing information, and other logistics information necessary to evaluate and meet the material needs of the originator. This transaction set is not used to establish a contractual relationship between trading partners, and may precede the use of a purchase order.

Notes:

1/50L	The LM loop identifies logistic data common to the entire transaction set.
1/50	The LM loop identifies logistic data common to the entire transaction set.
1/70L	The N1 loop identifies name and or address information common to the entire transaction set.
1/70	The N1 loop identifies name and or address information common to the entire transaction set.
2/150L	Each iteration of the QTY loop qualifies a portion of the total quantity ordered with particular logistics information codes.
2/150	Each iteration of the QTY loop qualifies a portion of the total quantity ordered with particular logistics information codes.
2/180L	The N1 loop identifies the name and address information unique to each use of the LX loop.
2/180	The N1 loop identifies the name and address information unique to each use of the LX loop.
2/220L	The REF loop conveys serial and lot number inventory data.
2/220	The REF loop conveys serial and lot number inventory data.

Federal Note:

1. Organizations use this transaction set to order items of supply, to refer transactions to another supply source for processing, and to transmit misrouted transactions between supply sources.

2. Use a single occurrence of this transaction set to transmit single or multiple requisitions to one or more supply sources.

3. A single transaction set may contain a combination of requisitions for standard and nonstandard material.

4. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: http://www.dla.mil/j-6/dlmso. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.
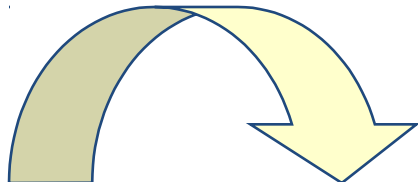
DLMS Note:

1. Requisitions for material to be provided as Government Furnished Material (GFM) to commercial contractors, requisitions for excess government owned plant property, and requisitions from foreign governments for material to be provided in support of Security Assistance (SA) contain distinguishing requirements which do not apply to non-GFM or non-SA requisitions.

2. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table, Transportation Mode of Shipment Conversion Table, and the Accounting Classification Appendix which can be found on the Defense Logistics Management Standards Office (DLMSO) web site at www.dla.mil/j-6/dlmso.

3. This DLMS Supplement to the Federal 511R implementation convention contains:

a. Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with DLMSO prior to use.

b. Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.

c. Defense Logistics Standard System (DLSS) data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DLMSO for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.

d. Data elements which have an expanded field size above existing DLSS capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.

e. Data required to accommodate Component-unique transaction requirements (example: C-series transactions). Data does not apply to DLSS transactions.

4. This revision to the DLMS Supplement (DS) incorporates Approved DLMS Changes (ADCs) listed. ADCs are available from the DLMSO website: http://www.dla.mil/j-6/dlmso/Changes

 - ADC 45, Use of Both Ownership Code and Purpose Code in DLMS for Ammunition
 - ADC 59, Customer Identification on Automated Exception Requisitions

004010F511R3RA04 - DLMS Supplement   1   February 4, 2004

DLMS 511R, Requisition

Transaction Set Segments

ST Transaction Set Header

BR Beginning Segment for Material Management: Identifies type of transaction
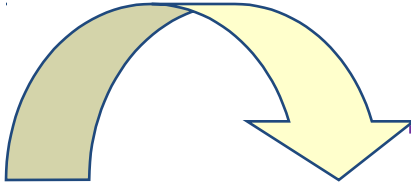
N1 Name: Identifies organization originating the transaction

G61 Contact: Identifies a person to whom communication should be directed

LX Assigned Number: Marks start of detail loop – each loop represents a new requisition

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DLMS Supplement - 511R Requisition   ADCs 45, 59, 67, 69, 70, 75, 76, 77, 79, 83, 86, 92 and 97   DoD 4000.25-M

511 Requisition
Functional Group=**RN**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Requisition Transaction Set (511) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to requisition needed material and equipment from a supply distribution system for immediate consumption or stockage against projected requirements. The originator can also use this transaction set to inquire about the status of, amend, or terminate the original requisition. This transaction set may be used to convey a description and quantity of the required material, delivery and billing information, and other logistics information necessary to evaluate and meet the material needs of the originator. This transaction set is not used to establish a contractual relationship between trading partners, and may precede the use of a purchase order.
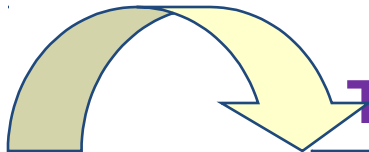
Notes:
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2/150L	Each iteration of the QTY loop qualifies a portion of the total quantity ordered with particular logistics information codes.
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Federal Note:

1. Organizations use this transaction set to order items of supply, to refer transactions to another supply source for processing, and to transmit misrouted transactions between supply sources.

2. Use a single occurrence of this transaction set to transmit single or multiple requisitions to one or more supply sources.

3. A single transaction set may contain a combination of requisitions for standard and nonstandard material.

4. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: http://www.dla.mil/j-6/dlmso. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

1. Requisitions for material to be provided as Government Furnished Material (GFM) to commercial contractors, requisitions for excess government owned plant property, and requisitions from foreign governments for material to be provided in support of Security Assistance (SA) contain distinguishing requirements which do not apply to non-GFM or non-SA requisitions.

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DLMS 511R, Requisition

DLMS Supplement - 511R Requisition   ADCs 45, 59, 67, 69, 70, 75, 76, 77, 79, 83, 86, 92 and 97   DoD 4000.25-M

511   Requisition
          Functional Group=**RN**

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Transaction Set Segments - continued

N9 Reference Identification: Identifies   document number and various   supporting information

P01 Baseline Item Data: Identifies   quantity ordered and provides   enhanced material identification

DD Demand Detail: Stratifies quantity ordered by demand type and   weapon system

GF Furnished Goods and Services: Identifies authority for

DLMS 511R, Requisition

Transaction Set Segments - continued

G62 Date/Time: Specifies pertinent dates and times

LIN Item Identification:

MEA Measurements:

G69 Line Item Detail-Description:

}

Provides detailed descriptive data for nonstandard material

NTE Note/Special Instruction: Narrative manual exception data when intervention needed

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DLMS Supplement - 511R Requisition   ADCs 45, 59, 67, 69, 70, 75, 76, 77, 79, 83, 86, 92 and 97   DoD 4000.25-M

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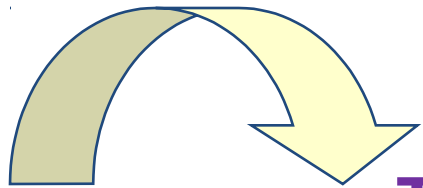
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DLMS 511R, Requisition

Transaction Set Segments - continued

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LM Code Source Information

LQ Industry Code

Identifies DoD code source and the specific applicable code, e.g. project code, advice code, or priority designator code -- capacity almost limitless

DLMS 511R, Requisition

Transaction Set Segments - continued

N1 Name

N2 Additional

Name Information

N3 Address Information

N4 Geographic Location

Identifies specific parties by type of organization, e.g. ship-to, bill-to, status recipients. Allows various identifying codes or

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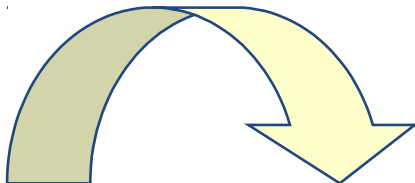- ADC 59, Customer Identification on Automated Exception Requisitions

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REF Reference Identification

N9 Reference Identification

N1 Name

> **Supports unique item identification**

FA1 Type of Financial Accounting Data

FA2 Accounting Data

> **Specifies line of accounting data**

SE Transaction Set Trailer

DLMS 511R, Requisition

ST*511*00000001

BR*00*A0*20000729******131708

N1*OB**10*FB2300**FR

LX*1

N9*TN*FB230093070001

PO1**1*EA***FS*5910001234567

DD*R*74

LM*DF

LQ*80*2A

LQ*0*A0A

LQ*AL*777

LQ*DF*2

LQ*DE*A

LQ*78*XZZ

LQ*79*02

LQ*A9*YBLDG1

LQ*AK*F

N1*Z4**M4*S9E**TO

N1*Z1**10*FB2060

N1*Z1**10*FD2040

N1*BS**10*FB2300

FA1*DY*D340

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b. Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.

c. Defense Logistics Standard System (DLSS) data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DLMSO for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.

d. Data elements which have an expanded field size above existing DLSS capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.

e. Data required to accommodate Component-unique transaction requirements (example: C-series transactions). Data does not apply to DLSS transactions.

4. This revision to the DLMS Supplement (DS) incorporates Approved DLMS Changes (ADCs) listed. ADCs are available from the DLMSO website: http://www.dla.mil/j-6/dlmso/Changes

- ADC 45, Use of Both Ownership Code and Purpose Code in DLMS for Ammunition
- ADC 59, Customer Identification on Automated Exception Requisitions

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DLMS 511R, Requisition Supplement

Refer to hard-copy DLMS Supplement for a closer look.

Summary

- **DLMS provides a new logistics data exchange format**

    ✓ Commercial vs. DoD proprietary standard

    ✓ Variable length vs. 80-record position records

    ✓ W3C compliant XML schema formats

- **Supports new data content to meet DoD needs**

- **Provides opportunity to reengineer logistics business processes**

- **Supports emerging business/electronic**

Module 4 Quiz

Question 1: **Where do you look to find DLMS specific business rules?**

  a) **DLMS Supplement**

  b) **Yellow Pages**

  c) **ASC X12 transaction set**

  d) **Federally approved Implementation convention**

Question 2: **If implementing a DLMS enhancement, which of the following must be done?**

  e) **Read DLMS Supplement notes**

  f) **Coordinate with trading partner**

  g) **Cross your fingers**

  h) **Check for an implementing ADC or check with DLMS office**

Question 3: **What does DAAS do to facilitate DLSS/DLMS conversion?**

  i) **Implements program logic to automate conversion**

  j) **Identifies data content and location within the DLSS/DLMS formats**

  k) **Reflects conditions that impact data content and location**

End of Module 4